

10/569311

Express Mail: EV 630723145 US

1A P20 Rec'd PCT/PTO 22 FEB 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No: To be assigned  
Applicant: Paul S. Cohen  
Filed: February 22, 2006  
Group Art Unit: To be assigned  
Examiner: To be assigned  
For: Live Attenuated Bacterial Vaccine  
Attorney Docket: I-2003.009 US

February 22, 2006

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-SB-08A and PTO-SB-08B. These references were cited in the in the International Search Report for the related PCT application. Copies of the cited references are enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

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U.S. National Phase of PCT/US2004/027896  
Attorney Docket: I-2003.009 US  
Information Disclosure Statement

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

Applicants do not believe that any other fee is due in connection with this filing. If, however, Applicants do owe any such fee(s), the Commissioner is hereby authorized to charge the fee(s) to Deposit Account No. **02-2334**. In addition, if there is ever any other fee deficiency or overpayment under 37 C.F.R. §1.16 or 1.17 in connection with this patent application, the Commissioner is hereby authorized to charge such deficiency or overpayment to Deposit Account No. **02-2334**.

Applicants submit that this application is in condition for allowance, and request that it be allowed. The Examiner is requested to call the Undersigned if any issues arise that can be addressed over the phone to expedite examination of this application.

Respectfully submitted,

  
William M. Blackstone, PTO Reg. No. 29,772  
Chief Patent Counsel  
Patent Department  
Intervet Inc.  
P.O. Box 318  
29160 Intervet Lane  
Millsboro, DE 19966  
(302) 934-4317 (tel)  
(302) 934-4305 (fax)

WMB :dap

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	To be assigned
				Filing Date	February 23, 2006
				First Named Inventor	Paul S. COHEN
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	1	of	1	Attorney Docket Number	I-2003.009 US

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		RITTER, A., et al., "The Pai-associated leuX specific tRNA..." Molecular Microbiology, 1997, V25, N5, p871-882		
		NEWMAN, J.V., et al. "Role of leuX in Escherichia coli colonization..." Microbial Pathogenesis, 1994, V17, p301-311		
		DATSENKO, K.A., et al., "One-step inactivation of chromosomal genes in Escherichia coli K-12 using PCR products" PNAS, 06/02/2000, V97, N12, p6640-6645		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

***(Use as many sheets as necessary)***

Sheet 1 of 1

**Complete if Known**

To be assigned

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Filing Date	February 23, 2006
First Named Inventor	Paul S. COHEN
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	I-2003.009 US

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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